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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). Application Number 10/695,667-Conf. #4456 October 27, 2003 FEE TRANSMITTAL Filing Date Paul J. Maddon First Named Inventor For FY 2009 Examiner Name S. L. Rawlings X Applicant claims small entity status. See 37 CFR 1.27 1643 Art I Init P0741.70006US00 TOTAL AMOUNT OF PAYMENT Attorney Docket No. 65.00 METHOD OF PAYMENT (check all that apply) Money Order Check x Credit Card Other (please identify): 23/2825 Deposit Account Name: Wolf, Greenfield & Sacks, P.C. Deposit Account Deposit Account Number: For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge any additional fee(s) or underpayments of x Credit any overpayments fee(s) under 37 CFR 1.16 and 1.17 FEE CALCULATION 1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES SEARCH FEES **EXAMINATION FEES** Small Entity Small Entity Small Entity Fee (\$) Fee (\$) Fee (\$) Fees Paid (\$) Application Type Fee (\$) Fee (\$) Fee (\$) 270 220 110 Utility 330 165 540 140 70 220 110 100 50 Design 165 Plant 220 110 330 170 85 325 Reissue 165 540 270 650 330 Provisional 220 110 ٨ 0 ٥ Small Entity 2. EXCESS CLAIM FEES Fee (\$) Fee (\$) Fee Description Each claim over 20 (including Reissues) 26 52 Each independent claim over 3 (including Reissues) 220 110 390 195 Multiple dependent claims Fee Paid (\$) Multiple Dependent Claims **Total Claims** Extra Claims Fee (\$) Fee Pald (\$) - or HP = Fee (\$) HP = highest number of total claims paid for, if greater than 20. Extra Claims Fee Paid (\$) - or HP = HP = highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Extra Sheets Number of each additional 50 or fraction thereof Fee Paid (\$) ____ (round up to a whole number) x /60 = - 100 = 4. OTHER FEE(S) Fees Paid (\$) Non-English Specification. \$130 fee (no small entity discount) Other (e.g., late filing surcharge): 2251 Extension for response within first month 65 00 SUBMITTED BY 52.318 Telephone 617.646.8000

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Dated: July 29, 2010	Electronic Signature for Michelle M. Quinn: /Michelle M. Quinn /

Date

July 29, 2010

Name (Print/Type) Janice A. Vatland, Ph.D.